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☐ 1. Document ID: US 20080012564 A1

L51: Entry 1 of 26

File: PGPB

Jan 17, 2008

PGPUB-DOCUMENT-NUMBER: 20080012564

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080012564 A1

TITLE: DYNAMIC MAGNETIC RESONANCE INVERSE IMAGING

PUBLICATION-DATE: January 17, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lin; Fa-Hsuan	Brookline	MA	US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 2. Document ID: US 20060273786 A1

L51: Entry 2 of 26

File: PGPB

Dec 7, 2006

PGPUB-DOCUMENT-NUMBER: 20060273786

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060273786 A1

TITLE: Method of and apparatus for nuclear quadrupole resonance testing a sample

PUBLICATION-DATE: December 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Smith; John A. S.	London		GB
Pierson; Neil Francis	Northampton		GB

US-CL-CURRENT: 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 3. Document ID: US 20060091884 A1

L51: Entry 3 of 26

File: PGPB

May 4, 2006

PGPUB-DOCUMENT-NUMBER: 20060091884

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060091884 A1

TITLE: Magnetic resonance imaging device

PUBLICATION-DATE: May 4, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Takahashi; Tetsuhiko	Soka-shi		JP
Takeuchi; Hiroyuki	Kashiwa-shi		JP
Takizawa; Masahiro	Kashiwa-shi		JP

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 4. Document ID: US 20050194975 A1

L51: Entry 4 of 26

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050194975

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050194975 A1

TITLE: Method and apparatus for serial array excitation for high field
magnetic resonance imaging

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Duensing, G. Randy	Gainesville	FL	US

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 5. Document ID: US 20050116710 A1

L51: Entry 5 of 26

File: PGPB

Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050116710

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050116710 A1

TITLE: Magnetic resonance imaging

PUBLICATION-DATE: June 2, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Ordidge, Roger John	Kent	GB
Priest, Andrew N.	Fife	GB
Carmichael, David William	Dorset	GB

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 6. Document ID: US 20050073306 A1

L51: Entry 6 of 26

File: PGPB

Apr 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050073306

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050073306 A1

TITLE: Method of and apparatus for nuclear quadrupole resonance testing
a sample

PUBLICATION-DATE: April 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Smith, John A. S.	London		GB
Peirson, Neil Francis	Northampton		GB

US-CL-CURRENT: 324/316; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 7. Document ID: US 20040222794 A1

L51: Entry 7 of 26

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040222794

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040222794 A1

TITLE: Data acquisition method for accelerated magnetic resonance imaging in framework of the parallel acquisition of MRT data

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Griswold, Mark A.	Kitzingen		DE
Jakob, Peter	Wurzburg		DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 8. Document ID: US 20030122545 A1

L51: Entry 8 of 26

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030122545

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030122545 A1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Den Brink, Johan	Eindhoven		NL
Hoogeveen, Romhild Martijn	Eindhoven		NL
Folkers, Paulus Johannes Maria	Eindhoven		NL
Pruessmann, Klaas Paul	Zurich		CH

Weiger, Markus

Zurich

CH

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 9. Document ID: US 7183770 B2

L51: Entry 9 of 26

File: USPT

Feb 27, 2007

US-PAT-NO: 7183770

DOCUMENT-IDENTIFIER: US 7183770 B2

TITLE: High-frequency system for an MR apparatus with multiple transmit channels

DATE-ISSUED: February 27, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060054810 A1

March 16, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Gra.beta.lin; Ingmar

Bonnigstedt

DE

Leussler; Christoph Gu

Hamburg

DE

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date		
Reference				Claims	KMC	Draw Desc	Image	

☐ 10. Document ID: US 7166999 B2

L51: Entry 10 of 26

File: USPT

Jan 23, 2007

US-PAT-NO: 7166999

DOCUMENT-IDENTIFIER: US 7166999 B2

**** See image for Certificate of Correction ****TITLE: Method and apparatus for serial array excitation for high field
magnetic resonance imaging

DATE-ISSUED: January 23, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050194975 A1

September 8, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Duensing; G. Randy

Gainesville

FL

US

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 11. Document ID: US 7109705 B2

L51: Entry 11 of 26

File: USPT

Sep 19, 2006

US-PAT-NO: 7109705

DOCUMENT-IDENTIFIER: US 7109705 B2

TITLE: Method of and apparatus for nuclear quadrupole resonance testing
a sample

DATE-ISSUED: September 19, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050073306 A1

April 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith; John A. S.	London			GB
Peirson; Neil Francis	Northampton			GB

US-CL-CURRENT: 324/300; 327/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 12. Document ID: US 7064547 B1

L51: Entry 12 of 26

File: USPT

Jun 20, 2006

US-PAT-NO: 7064547

DOCUMENT-IDENTIFIER: US 7064547 B1

**** See image for Certificate of Correction ****

TITLE: Method and apparatus of M/r imaging with coil calibration data acquisition

DATE-ISSUED: June 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
King; Kevin F.	New Berlin	WI		US
Angelos; Elisabeth	Hartland	WI		US
Polzin; Jason A.	Lake Mills	WI		US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 13. Document ID: US 7035682 B2

L51: Entry 13 of 26

File: USPT

Apr 25, 2006

US-PAT-NO: 7035682

DOCUMENT-IDENTIFIER: US 7035682 B2

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: April 25, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030122545 A1

July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 600/420; 600/419

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 14. Document ID: US 7002344 B2

L51: Entry 14 of 26

File: USPT

Feb 21, 2006

US-PAT-NO: 7002344
DOCUMENT-IDENTIFIER: US 7002344 B2

TITLE: Data acquisition method for accelerated magnetic resonance
imaging in framework of the parallel acquisition of MRT data

DATE-ISSUED: February 21, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040222794 A1	November 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Griswold; Mark A.	97318 Kitzingen			DE
Jakob; Peter	97074 Wurzburg			DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 15. Document ID: US 6891374 B2

L51: Entry 15 of 26

File: USPT

May 10, 2005

US-PAT-NO: 6891374
DOCUMENT-IDENTIFIER: US 6891374 B2

TITLE: Moving table MRI with frequency-encoding in the z-direction

DATE-ISSUED: May 10, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Brittain; Jean Helen Menlo Park CA

US-CL-CURRENT: 324/309; 324/307, 324/318, 600/410, 600/415

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMCD	Draw Desc	Image

☐ 16. Document ID: US 6794869 B2

L51: Entry 16 of 26

File: USPT

Sep 21, 2004

US-PAT-NO: 6794869

DOCUMENT-IDENTIFIER: US 6794869 B2

**** See image for Certificate of Correction ****

TITLE: Moving table MRI with frequency-encoding in the z-direction

DATE-ISSUED: September 21, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Brittain; Jean Helen Menlo Park CA

US-CL-CURRENT: 324/309; 324/306, 324/307, 324/318, 600/410, 600/415

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 17. Document ID: US 6704594 B1

L51: Entry 17 of 26

File: USPT

Mar 9, 2004

US-PAT-NO: 6704594

DOCUMENT-IDENTIFIER: US 6704594 B1

TITLE: Magnetic resonance imaging device

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blank; Aharon	Kiriat Ono			IL
Alexandrowicz; Gil	Jerusalem			IL
Golan; Erez	Tel Aviv			IL

US-CL-CURRENT: 600/423; 128/899, 324/318, 324/322, 600/407, 600/409,
600/410, 600/421

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 18. Document ID: US 6597935 B2

L51: Entry 18 of 26

File: USPT

Jul 22, 2003

US-PAT-NO: 6597935

DOCUMENT-IDENTIFIER: US 6597935 B2

TITLE: Method for harmonic phase magnetic resonance imaging

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prince; Jerry L.	Lutherville	MD		
Osman; Nael F.	Baltimore	MD		

US-CL-CURRENT: 600/410; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 19. Document ID: US 6593740 B1

L51: Entry 19 of 26

File: USPT

Jul 15, 2003

US-PAT-NO: 6593740

DOCUMENT-IDENTIFIER: US 6593740 B1

TITLE: Magnetic resonance imaging method with a decay time function of sub-sampled acquisition data

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Den Brink; Johan	Eindhoven			NL
Hoogeveen; Romhild Martijn	Eindhoven			NL
Folkers; Paulus Johannes Maria	Eindhoven			NL
Pruessmann; Klaas Paul	Zurich			CH
Weiger; Markus	Dietikon			CH

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 20. Document ID: US 6566873 B1

L51: Entry 20 of 26

File: USPT

May 20, 2003

US-PAT-NO: 6566873

DOCUMENT-IDENTIFIER: US 6566873 B1

TITLE: Method of and apparatus for nuclear quadrupole resonance testing a sample

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith; John Alec Sydney	London			GB
Peirson; Neil Francis	Northampton			GB

US-CL-CURRENT: 324/300; 324/314

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 21. Document ID: US 6492814 B1

L51: Entry 21 of 26

File: USPT

Dec 10, 2002

US-PAT-NO: 6492814

DOCUMENT-IDENTIFIER: US 6492814 B1

TITLE: Self localizing receive coils for MR

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watkins; Ronald Dean	Niskayuna	NY		
Dumoulin; Charles Lucian	Ballston Lake	NY		
Darrow; Robert David	Scotia	NY		

US-CL-CURRENT: 324/318; 324/322, 600/421

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 22. Document ID: US 6334846 B1

L51: Entry 22 of 26

File: USPT

Jan 1, 2002

US-PAT-NO: 6334846

DOCUMENT-IDENTIFIER: US 6334846 B1

**** See image for Certificate of Correction ****

TITLE: Ultrasound therapeutic apparatus

DATE-ISSUED: January 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishibashi; Yoshiharu	Tokyo			JP
Fujimoto; Katsuhiko	Urawa			JP
Shibata; Mariko	Yokohama			JP
Suzuki; Takuji	Kawasaki			JP
Aida; Satoshi	Tokyo			JP

US-CL-CURRENT: 600/439; 600/412

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 23. Document ID: US 6307368 B1

L51: Entry 23 of 26

File: USPT

Oct 23, 2001

US-PAT-NO: 6307368

DOCUMENT-IDENTIFIER: US 6307368 B1

**** See image for Certificate of Correction ****TITLE: Linear combination steady-state free precession MRI

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vasanawala; Shreyas S.	Mountain View	CA		

Pauly; John M. Redwood City CA
Nishimura; Dwight G. Palo Alto CA

US-CL-CURRENT: 324/309; 324/300, 324/307, 324/311

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 24. Document ID: US 5150053 A

L51: Entry 24 of 26

File: USPT

Sep 22, 1992

US-PAT-NO: 5150053

DOCUMENT-IDENTIFIER: US 5150053 A

TITLE: Magnetic resonance imaging of short T.sub.2 species with improved contrast

DATE-ISSUED: September 22, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pauly; John M.	Menlo Park	CA		
Conolly; Steven M.	Menlo Park	CA		
Nishimura; Dwight G.	Palo Alto	CA		

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 25. Document ID: US 4985677 A

L51: Entry 25 of 26

File: USPT

Jan 15, 1991

US-PAT-NO: 4985677

DOCUMENT-IDENTIFIER: US 4985677 A

TITLE: Magnetic resonance imaging and spectroscopy using an excitation pulse for multiple-dimensional selectivity

DATE-ISSUED: January 15, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pauly; John M.	Menlo Park	CA		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 26. Document ID: US 4629988 A

L51: Entry 26 of 26

File: USPT

Dec 16, 1986

US-PAT-NO: 4629988

DOCUMENT-IDENTIFIER: US 4629988 A

TITLE: Method of imaging by depth-resolved surface coil spectroscopy

DATE-ISSUED: December 16, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		

US-CL-CURRENT: 324/309; 324/322

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

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(L50 AND L33).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	26

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